

## EAST Search History

| Ref # | Hits   | Search Query           | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|--------|------------------------|--|------------------|---------|------------------|
| L1    | 21     | fluorohaloalkanes      | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:52 |
| L2    | 231366 | radiolabelled fluorine | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:52 |
| L3    | 6      | L1 and L2              | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:52 |
| L4    | 286    | 568/33                 | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:53 |
| L5    | 86     | 570/101                | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:54 |
| L6    | 2220   | 424/1                  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:54 |
| L7    | 0      | L3 and L4              | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:54 |

## EAST Search History

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|-------|---------|---------------------------|--|------------------|---------|------------------|
| L1    | 21      | fluorohaloalkanes         | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:52 |
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| L4    | 286     | 568/33                    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:53 |
| L5    | 86      | 570/101                   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:54 |
| L6    | 2220    | 424/1                     | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:54 |
| L7    | 0       | L3 and L4                 | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:54 |
| L8    | 4293530 | solid support linker.clm. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:55 |
| L9    | 21      | fluorohaloalkane          | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:55 |
| L10   | 16      | L8 and L9                 | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:55 |
| L11   | 231366  | radiolabelled fluorine    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:56 |
| L12   | 5       | L10 and L11               | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/08/07 14:56 |

FULL ESTIMATED COST

0.21

0.21

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FILE LAST UPDATED: 6 Aug 2006 (20060806/ED)

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=> S fluorobromomethane  
83 FLUOROBROMOMETHANE  
8 FLUOROBROMOMETHANES  
L1 88 FLUOROBROMOMETHANE  
(FLUOROBROMOMETHANE OR FLUOROBROMOMETHANES)

=> D L1 1-88

L1 ANSWER 1 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2006:651462 CAPLUS  
TI Study and application of improved topological index of distance matrix  
AU Jiang, Hui-yu; Yang, Feng  
CS Department of Chemical Engineering, Wuhan Institute of Science & Technology, Wuhan, 430073, Peop. Rep. China  
SO Hainan Shifan Xueyuan Xuebao, Ziran Kexueban (2006), 19(1), 55-58  
CODEN: HSXUB7; ISSN: 1671-8747  
PB Hainan Shifan Xueyuan Xueshu Qikanshe  
DT Journal  
LA Chinese

L1 ANSWER 2 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2006:399520 CAPLUS  
DN 145:34541  
TI The dependence of low-energy electron attachment to CF3Br on electron and vibrational energy  
AU Marienfeld, S.; Sunagawa, T.; Fabrikant, I. I.; Braun, M.; Ruf, M.-W.; Hotop, H.  
CS Fachbereich Physik, Universitaet Kaiserslautern, Kaiserslautern, D-67653, Germany  
SO Journal of Chemical Physics (2006), 124(15), 154316/1-154316/14  
CODEN: JCPSA6; ISSN: 0021-9606  
PB American Institute of Physics  
DT Journal  
LA English

RE.CNT 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 3 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2005:1119921 CAPLUS

DN 144:60892  
 TI Br2 elimination in 248-nm photolysis of CF2Br2 probed by using cavity ring-down absorption spectroscopy  
 AU Hsu, Ching-Yi; Huang, Hong-Yi; Lin, King-Chuen  
 CS Department of Chemistry, National Taiwan University, Taipei, 106, Taiwan  
 SO Journal of Chemical Physics (2005), 123(13), 134312/1-134312/8  
 CODEN: JCPSA6; ISSN: 0021-9606  
 PB American Institute of Physics  
 DT Journal  
 LA English  
 RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 4 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2004:550927 CAPLUS  
 DN 141:106183  
 TI Solid-phase preparation of [18F]fluorohaloalkanes by fluorination of solid support linked haloalkyl sulfonate with [18F]-fluoride ion  
 IN Brady, Frank; Luthra, Sajinder Kaur; Zhao, Yongjun  
 PA Hammersmith Imanet Limited, UK  
 SO PCT Int. Appl., 18 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

| PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|--|------|----------|-----------------|----------|
| WO 2004056726  | A1   | 20040708 | WO 2003-GB5630  | 20031219 |
| W:   |      |          |                 |          |
| AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW |      |          |                 |          |
| RW:  |      |          |                 |          |
| BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |      |          |                 |          |
| AU 2003295152  | A1   | 20040714 | AU 2003-295152  | 20031219 |
| EP 1572602   | A1   | 20050914 | EP 2003-786153  | 20031219 |
| R:   |      |          |                 |          |
| AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK   |      |          |                 |          |
| JP 2006510709  | T2   | 20060330 | JP 2004-561682  | 20031219 |
| US 2006069294  | A1   | 20060330 | US 2005-539163  | 20050614 |
| PRAI GB 2002-29688   | A    | 20021220 |                 |          |
| WO 2003-GB5630   | W    | 20031219 |                 |          |
| OS MARPAT 141:106183   |      |          |                 |          |

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 5 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2004:287826 CAPLUS  
 DN 140:303307  
 TI Preparation of (radiolabeled) fluorohaloalkanes by halogenation of silylfluoroalkanes  
 IN Brady, Frank; Luthra, Sajinder; Zhao, Yongjun  
 PA Hammersmith Imanet Ltd., UK  
 SO PCT Int. Appl., 15 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

| PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|---------------|------|----------|-----------------|----------|
| WO 2004029006 | A2   | 20040408 | WO 2003-GB4026  | 20030918 |

*Inventor's work.*

WO 2004029006 A3 20040513

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,  
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,  
LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,  
OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,  
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003264895 A1 20040419 AU 2003-264895 20030918

EP 1554231 A2 20050720 EP 2003-798241 20030918

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

JP 2006500419 T2 20060105 JP 2004-539176 20030918

US 2006106219 A1 20060518 US 2005-528645 20051118

PRAI GB 2002-22426 A 20020927

WO 2003-GB4026 W 20030918

OS MARPAT 140:303307

L1 ANSWER 6 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:975498 CAPLUS

DN 139:386779

TI Investigation of quantum effects on vibrational excitation of CF<sub>3</sub>Br  
scattering from graphite. [Erratum to document cited in CA138:95871]

AU Back, Andreas; Markovic, Nikola

CS Physical Chemistry, Department of Chemistry, Goteborg University,  
Goteborg, SE-412 96, Swed.

SO Chemical Physics (2003), 286(2-3), 431-432

CODEN: CMPHC2; ISSN: 0301-0104

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 7 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:875038 CAPLUS

DN 138:95871

TI Investigation of quantum effects on vibrational excitation of CF<sub>3</sub>Br  
scattering from graphite

AU Back, Andreas; Markovic, Nikola

CS Physical Chemistry, Department of Chemistry, Goeteborg University,  
Goeteborg, SE-412 96, Swed.

SO Chemical Physics (2002), 285(2-3), 233-244

CODEN: CMPHC2; ISSN: 0301-0104

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 8 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:437771 CAPLUS

DN 137:369881

TI Synthesis and evaluation of 18F-labeled choline analogs as oncologic PET  
tracers

AU DeGrado, Timothy R.; Baldwin, Steven W.; Wang, Shuyan; Orr, Matthew D.;

Liao, Ray P.; Friedman, Henry S.; Reiman, Robert; Price, David T.;

Coleman, R. Edward

CS Departments of Radiology, Chemistry, Surgery, Pediatrics, and Radiation  
Safety, Duke University Medical Center, Durham, NC, 27710, USA

SO Journal of Nuclear Medicine (2001), 42(12), 1805-1814

CODEN: JNMEAQ; ISSN: 0161-5505

PB Society of Nuclear Medicine  
DT Journal  
LA English

RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 9 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2001:889586 CAPLUS  
DN 136:238912  
TI Photodissociation dynamics of CF<sub>3</sub>Br at 234 nm: An implication of symmetry reduction during photodissociation  
AU Kim, Tae Kyu; Park, Moon Soo; Lee, Keon Woo; Jung, Kyung-Hoon  
CS Department of Chemistry and School of Molecular Science (BK21), Korea Advanced Institute of Science and Technology, Taejon, 305-701, S. Korea  
SO Journal of Chemical Physics (2001), 115(23), 10745-10752  
CODEN: JCPSA6; ISSN: 0021-9606  
PB American Institute of Physics  
DT Journal  
LA English

RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 10 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2001:57962 CAPLUS  
DN 134:292126  
TI Synthesis and evaluation of <sup>18</sup>F-labeled choline as an oncologic tracer for positron emission tomography: initial findings in prostate cancer  
AU DeGrado, Timothy R.; Coleman, R. Edward; Wang, Shuyan; Baldwin, Steven W.; Orr, Matthew D.; Robertson, Cary N.; Polascik, Thomas J.; Price, David T.  
CS Departments of Radiology, Duke University Medical Center, Durham, NC, 27710, USA  
SO Cancer Research (2001), 61(1), 110-117  
CODEN: CNREA8; ISSN: 0008-5472  
PB American Association for Cancer Research  
DT Journal  
LA English

RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 11 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2000:884117 CAPLUS  
DN 134:135721  
TI An ab Initio Study of the Kinetics of the Reactions of Halomethanes with the Hydroxyl Radical. 3. Kinetic Parameters Predictions for the Potential Halon Replacements CH<sub>2</sub>FBr, CHFBr<sub>2</sub>, CHFClBr, CHCl<sub>2</sub>Br, and CHClBr<sub>2</sub>  
AU Louis, Florent; Gonzalez, Carlos A.; Huie, Robert E.; Kurylo, Michael J.  
CS Physical and Chemical Properties Division, National Institute of Standards and Technology, Gaithersburg, MD, 20899, USA  
SO Journal of Physical Chemistry A (2001), 105(9), 1599-1604  
CODEN: JPCAFH; ISSN: 1089-5639  
PB American Chemical Society  
DT Journal  
LA English

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 12 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2000:804824 CAPLUS  
DN 134:318478  
TI Photocatalytic transformations of CCl<sub>3</sub>Br, CBr<sub>3</sub>F, CHCl<sub>2</sub>Br and CH<sub>2</sub>BrCl in aerobic and anaerobic conditions  
AU Calza, P.; Minero, C.; Hiskia, A.; Papaconstantinou, E.; Pelizzetti, E.  
CS Dipartimento di Chimica Analitica, Universita di Torino, Turin, 10125, Italy  
SO Applied Catalysis, B: Environmental (2001), 29(1), 23-34

CODEN: ACBEE3; ISSN: 0926-3373

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 13 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:565908 CAPLUS

DN 133:350472

TI Simple synthesis of mono- and difluoroalanines

AU Gerus, I. I.; Kolomeitsev, A. A.; Kolycheva, M. I.; Kukhar, V. P.

CS Institute of Bioorganic and Petrochemistry, Ukrainian National Academy of Sciences, Kiev, 253660, Ukraine

SO Journal of Fluorine Chemistry (2000), 105(1), 31-33

CODEN: JFLCAR; ISSN: 0022-1139

PB Elsevier Science S.A.

DT Journal

LA English

OS CASREACT 133:350472

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 14 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:348952 CAPLUS

DN 133:200732

TI Photodissociation dynamics of the reaction  $\text{CF}_2\text{Br}_2 + h\nu \rightarrow \text{CF}_2 + 2\text{Br}$ . Energetics, threshold and nascent  $\text{CF}_2$  energy distributions for  $\lambda = 223\text{-}260\text{ nm}$

AU Cameron, Melanie R.; Johns, Stephen A.; Metha, Gregory F.; Kable, Scott H.

CS School of Chemistry, University of Sydney, Sydney, Australia

SO Physical Chemistry Chemical Physics (2000), 2(11), 2539-2547

CODEN: PPCPFQ; ISSN: 1463-9076

PB Royal Society of Chemistry

DT Journal

LA English

RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 15 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:2372 CAPLUS

DN 132:84974

TI Carbon isotope selective separation from MPD of  $\text{CF}_3\text{Br}$  with a tea  $\text{CO}_2$  laser

AU Del Barrio, J. I.; Cezar, R. Fernandez; Tablas, F. M. G.-

CS Departamento de Quimica, Universidad Autonoma de Madrid, Madrid, 28049, Spain

SO Laser Chemistry (1998), 18(1-2), 85-97

CODEN: LSCHDB; ISSN: 0278-6273

PB Harwood Academic Publishers

DT Journal

LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 16 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1998:522074 CAPLUS

DN 129:296003

TI Infrared multiple photon decomposition of  $\text{CHXF}_2$  ( $X = \text{Cl}$  or  $\text{Br}$ ) by infrared lasers

AU Arai, S.; Ikawa, K.; Matsumoto, Y.; Iizuka, Y.; Sugita, K.; Sarkar, S. K.; Kuribayashi, S.

CS Kyoto Institute of Technology, Matsugasaki, Sakyo, Kyoto, 606, Japan

SO Nuclear Instruments & Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms (1998), 144(1-4), 193-202

CODEN: NIMBEU; ISSN: 0168-583X

PB Elsevier Science B.V.  
DT Journal  
LA English  
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 17 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1996:700253 CAPLUS  
DN 126:67303  
TI UV laser photodissociation of CF<sub>2</sub>ClBr and CF<sub>2</sub>Br<sub>2</sub> at 298 K: quantum yields of Cl, Br, and CF<sub>2</sub>  
AU Talukdar, Ranajit K.; Hunter, Martin; Warren, Rachel F.; Burkholder, James B.; Ravishankara, A. R.  
CS NOAA, Aeronomy Laboratory, R/E/AL2, 325 Broadway, Boulder, CO, 80303, USA  
SO Chemical Physics Letters (1996), 262(6), 669-674  
CODEN: CHPLBC; ISSN: 0009-2614

PB Elsevier  
DT Journal  
LA English

L1 ANSWER 18 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1996:18096 CAPLUS  
DN 124:201542  
TI The interplay between electron transfer and attack on halogen in gas-phase reactions of negative ions with fluoro-chloromethanes and fluoro-bromomethanes  
AU Staneke, P. O.; Groothuis, G.; Ingemann, S.; Nibbering, N. M. M.  
CS Institute of Mass Spectrometry, University of Amsterdam, Nieuwe Achtergracht 129, WS Amsterdam, 1018, Neth.  
SO International Journal of Mass Spectrometry and Ion Processes (1995), 149/150, 99-110  
CODEN: IJMPDN; ISSN: 0168-1176

PB Elsevier  
DT Journal  
LA English

L1 ANSWER 19 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1995:396951 CAPLUS  
Correction of: 1995:254285  
DN 122:146918  
Correction of: 122:91749  
TI Competition between unimolecular C-Br-bond fission and Br<sub>2</sub> elimination in vibrationally highly excited CF<sub>2</sub>Br<sub>2</sub>  
AU Abel, B.; Hippler, H.; Lange, N.; Schuppe, J.; Troe, J.  
CS Inst. Phys. Chem., Univ. Goettingen, Goettingen, D-37077, Germany  
SO Journal of Chemical Physics (1994), 10(11), 9681-90  
CODEN: JCPSA6; ISSN: 0021-9606

PB American Institute of Physics  
DT Journal  
LA English

L1 ANSWER 20 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1992:582852 CAPLUS  
DN 117:182852  
TI Deep plasma etching of silicon in a bromotrifluoromethane plasma through a submicron single layer electron-beam lithographic mask  
AU Huran, J.; Horniakova, A.; Hascik, S.  
CS Inst. Electr. Eng., Slovak Acad. Sci., Bratislava, CS-842 39, Czech.  
SO Physica Status Solidi A: Applied Research (1992), 132(2), K81-K84  
CODEN: PSSABA; ISSN: 0031-8965

DT Journal  
LA English

L1 ANSWER 21 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1992:436341 CAPLUS

DN 117:36341  
 TI Photodissociation of bromocarbons at 193, 222, and 248 nm: quantum yields of bromine atom at 298 K  
 AU Ranajit, K.; Talukdar, Ghanshyam; Vaghjiani, L; Ravishankara, A. R.  
 CS Aeron. Lab., Natl. Oceanic Atmos. Adm., Boulder, CO, 80303, USA  
 SO Journal of Chemical Physics (1992), 96(11), 8194-201  
 CODEN: JCPSA6; ISSN: 0021-9606  
 DT Journal  
 LA English

L1 ANSWER 22 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1992:418487 CAPLUS  
 DN 117:18487  
 TI Direct current plasma discharges of fluorobromomethanes  
 AU Driscoll, D. C.; Sheinson, R. S.  
 CS U.S. Nav. Res. Lab., Washington, DC, 20375-5000, USA  
 SO Journal of Vacuum Science & Technology, A: Vacuum, Surfaces, and Films (1992), 10(3), 444-9  
 CODEN: JVTAD6; ISSN: 0734-2101  
 DT Journal  
 LA English

L1 ANSWER 23 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1992:23990 CAPLUS  
 DN 116:23990  
 TI Effect of bromotrifluoromethane on the ignition in methane and ethane-oxygen-argon mixtures behind shock waves  
 AU Suzuki, Akimichi; Inomata, Tadaaki; Jinno, Hiroshi; Moriwaki, Takao  
 CS Fac. Sci. Technol., Sophia Univ., Tokyo, 102, Japan  
 SO Bulletin of the Chemical Society of Japan (1991), 64(11), 3345-54  
 CODEN: BCSJA8; ISSN: 0009-2673  
 DT Journal  
 LA English

L1 ANSWER 24 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1992:14106 CAPLUS  
 DN 116:14106  
 TI Characterization of a trench etching process using bromotrifluoromethane and optimal emission spectroscopy of the plasma  
 AU Woehl, G.; Hascik, S.  
 CS Inst. Halbleiterphys., Frankfurt/Oder, O-1200, Germany  
 SO Crystal Research and Technology (1991), 26(6), 717-28  
 CODEN: CRTEDF; ISSN: 0232-1300  
 DT Journal  
 LA English

L1 ANSWER 25 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1991:418423 CAPLUS  
 DN 115:18423  
 TI Enrichment of carbon-13 by IRMPD of dibromodifluoromethane  
 AU Sugita, K.; Ma, P.; Ishikawa, Y.; Arai, S.  
 CS Inst. Phys. and Chem. Res., Wako, 351-01, Japan  
 SO Applied Physics B: Photophysics and Laser Chemistry (1991), B52(4), 266-72  
 CODEN: APPCDL; ISSN: 0721-7269  
 DT Journal  
 LA English

L1 ANSWER 26 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1991:73034 CAPLUS  
 DN 114:73034  
 TI Vertical etching of gallium arsenide using argon fluoride laser controlled chemical reaction  
 AU Yamada, Keisaku  
 CS Toshiba Res. Dev. Cent., Kawasaki, 210, Japan

SO Institute of Physics Conference Series (1990), 106(Gallium Arsenide Relat.  
Compd. 1989), 599-604  
CODEN: IPCSEP; ISSN: 0951-3248  
DT Journal  
LA English

L1 ANSWER 27 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1990:581094 CAPLUS  
DN 113:181094  
TI Vibrational-translational relaxation of molecules of fluoroorganic  
compounds. III. V-T relaxation of molecules of trifluorobromomethane and  
its dependence on the laser radiation intensity  
AU Golubkov, V. V.; Putilin, F. N.; Shtepa, V. I.; Fastovets, A. M.  
CS Moscow State Univ., Moscow, USSR  
SO Vestnik Moskovskogo Universiteta, Seriya 2: Khimiya (1990), 31(2), 138-42  
CODEN: VMUKA5; ISSN: 0579-9384  
DT Journal  
LA Russian

L1 ANSWER 28 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1990:440334 CAPLUS  
DN 113:40334  
TI Preparation of a 2-(5-amino-1,2,4-thiadiazol-3-yl)-2-oxoacetic acid  
derivative as an intermediate for  $\beta$ -lactam antibacterials  
IN Kamiya, Taku; Naito, Toshihiko; Komatsu, Takeki; Kai, Yasunobu; Nakamura,  
Takaharu; Sasho, Manabu; Yamauchi, Hiroshi  
PA Eisai Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 20 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese

FAN.CNT 1

|      | PATENT NO.       | KIND | DATE     | APPLICATION NO. | DATE     |
|------|------------------|------|----------|-----------------|----------|
|      | -----            | ---- | ----     | -----           | -----    |
| PI   | JP 02028170      | A2   | 19900130 | JP 1989-86956   | 19890407 |
|      | JP 2859630       | B2   | 19990217 |                 |          |
| PRAI | JP 1988-85372    | A1   | 19880408 |                 |          |
| OS   | MARPAT 113:40334 |      |          |                 |          |

L1 ANSWER 29 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1989:411874 CAPLUS  
DN 111:11874  
TI Ultraviolet absorption spectrum of trifluoro-bromo-methane,  
difluoro-dibromo-methane and difluoro-bromo-chloro-methane in the vapor  
phase  
AU Gillotay, D.; Simon, P. C.  
CS Inst. Aeron. Spat. Belgique, Brussels, B-1180, Belg.  
SO Journal of Atmospheric Chemistry (1989), 8(1), 41-62  
CODEN: JATCE2; ISSN: 0167-7764  
DT Journal  
LA English

L1 ANSWER 30 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1989:134964 CAPLUS  
DN 110:134964  
TI Preparation and testing of bactericidal 3-propenylcephem derivatives  
IN Kamiya, Takashi; Naito, Toshihiko; Negi, Shigeto; Komatsu, Yuki; Kai,  
Yasunobu; Nakamura, Takaharu; Sugiyama, Isao; Machida, Yoshimasa; Nomoto,  
Seiichiro; et al.  
PA Eisai Co., Ltd., Japan  
SO Eur. Pat. Appl., 153 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 1

|      | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|------|---|------|----------|-----------------|----------|
| PI   | EP 264091   | A2   | 19880420 | EP 1987-114843  | 19871012 |
|      | EP 264091   | A3   | 19891227 |                 |          |
|      | EP 264091   | B1   | 19920205 |                 |          |
|      | R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE   |      |          |                 |          |
|      | IL 84128  | A1   | 19921201 | IL 1987-84128   | 19871007 |
|      | CA 1290748  | A1   | 19911015 | CA 1987-548948  | 19871009 |
|      | AU 8779577  | A1   | 19880414 | AU 1987-79577   | 19871012 |
|      | AU 614723   | B2   | 19910912 |                 |          |
|      | DK 8705313  | A    | 19880414 | DK 1987-5313    | 19871012 |
|      | DK 174995   | B1   | 20040413 |                 |          |
|      | FI 8704492  | A    | 19880414 | FI 1987-4492    | 19871012 |
|      | FI 89169  | B    | 19930514 |                 |          |
|      | FI 89169  | C    | 19930825 |                 |          |
|      | NO 8704255  | A    | 19880414 | NO 1987-4255    | 19871012 |
|      | NO 170021   | B    | 19920525 |                 |          |
|      | NO 170021   | C    | 19920902 |                 |          |
|      | CN 87107610   | A    | 19880601 | CN 1987-107610  | 19871012 |
|      | CN 1020104  | B    | 19930317 |                 |          |
|      | ZA 8707636  | A    | 19880629 | ZA 1987-7636    | 19871012 |
|      | HU 47119  | A2   | 19890130 | HU 1987-4599    | 19871012 |
|      | HU 207088   | B    | 19930301 |                 |          |
|      | JP 01156983   | A2   | 19890620 | JP 1987-254777  | 19871012 |
|      | JP 08030068   | B4   | 19960327 |                 |          |
|      | AT 72439  | E    | 19920215 | AT 1987-114843  | 19871012 |
|      | ES 2039223  | T3   | 19930916 | ES 1987-114843  | 19871012 |
|      | RU 2010796  | C1   | 19940415 | RU 1987-4203588 | 19871012 |
|      | US 4921850  | A    | 19900501 | US 1987-107631  | 19871013 |
|      | JP 01156984   | A2   | 19890620 | JP 1987-278326  | 19871105 |
|      | JP 08005897   | B4   | 19960124 |                 |          |
|      | JP 63264470   | A2   | 19881101 | JP 1987-309546  | 19871209 |
|      | JP 06025187   | B4   | 19940406 |                 |          |
|      | SU 1705291  | A1   | 19920115 | SU 1988-4355302 | 19880303 |
|      | US 5006649  | A    | 19910409 | US 1990-463519  | 19900111 |
|      | US 5066812  | A    | 19911119 | US 1990-463514  | 19900111 |
|      | US 5089491  | A    | 19920218 | US 1990-463518  | 19900111 |
|      | CA 1305487  | A2   | 19920721 | CA 1991-615965  | 19910114 |
|      | FI 92394  | B    | 19940729 | FI 1993-300     | 19930125 |
|      | FI 92394  | C    | 19941110 |                 |          |
| PRAI | JP 1986-241480  | A    | 19861013 |                 |          |
|      | JP 1986-262799  | A    | 19861106 |                 |          |
|      | JP 1986-292574  | A    | 19861210 |                 |          |
|      | JP 1987-21866   | A    | 19870203 |                 |          |
|      | JP 1987-219230  | A    | 19870903 |                 |          |
|      | JP 1987-222147  | A    | 19870907 |                 |          |
|      | CA 1987-548948  | A3   | 19871009 |                 |          |
|      | EP 1987-114843  | A    | 19871012 |                 |          |
|      | US 1987-107631  | A3   | 19871013 |                 |          |
| OS   | CASREACT 110:134964; MARPAT 110:134964  |      |          |                 |          |
| L1   | ANSWER 31 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |
| AN   | 1988:618658 CAPLUS  |      |          |                 |          |
| DN   | 109:218658  |      |          |                 |          |
| TI   | Electron-impact-induced light emission from tetrabromomethane, tribromomethane, and fluorotribromomethane |      |          |                 |          |
| AU   | Tokue, I.; Ito, Y.  |      |          |                 |          |
| CS   | Fac. Sci., Niigata Univ., Niigata, 950-21, Japan  |      |          |                 |          |
| SO   | Chemical Physics (1988), 125(2-3), 347-53   |      |          |                 |          |
|      | CODEN: CMPHC2; ISSN: 0301-0104  |      |          |                 |          |
| DT   | Journal   |      |          |                 |          |
| LA   | English   |      |          |                 |          |
| L1   | ANSWER 32 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  |      |          |                 |          |
| AN   | 1988:495275 CAPLUS  |      |          |                 |          |

DN 109:95275  
TI Refrigerant  
IN Vogt, Clarence Lyndon; Wan, Lawrence Arthur; Tecimer, Fikret Mehmet  
PA Systron Donner Corp., USA  
SO Eur. Pat. Appl., 7 pp.  
CODEN: EPXXDW  
DT Patent  
LA English

FAN.CNT 1

|      | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|------|---|------|----------|-----------------|----------|
|      | -----   | ---- | -----    | -----           | -----    |
| PI   | EP 271989   | A1   | 19880622 | EP 1987-309899  | 19871109 |
|      | EP 271989   | B1   | 19901122 |                 |          |
|      | R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE |      |          |                 |          |
|      | AT 58593  | E    | 19901215 | AT 1987-309899  | 19871109 |
| PRAI | US 1986-943445  | A    | 19861216 |                 |          |
|      | EP 1987-309899  | A    | 19871109 |                 |          |

L1 ANSWER 33 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1988:121824 CAPLUS  
DN 108:121824  
TI Mechanisms of the influence of the gas self-pressure on the isotopically selective multiphoton dissociation of trifluorobromomethane  
AU Laptev, V. B.; Furzikov, N. P.  
CS Inst. Spektroskop., Troitsk, USSR  
SO Kvantovaya Elektronika (Moscow) (1987), 14(12), 2467-75  
CODEN: KVEKA3; ISSN: 0368-7147  
DT Journal  
LA Russian

L1 ANSWER 34 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1988:5526 CAPLUS  
DN 108:5526  
TI Boron atom reactions with the bromomethanes  
AU McKenzie, Susan M.; Stanton, Clyde T.; Tabacco, Mary Beth; Sardella, Dennis J.; Davidovits, Paul  
CS Dep. Chem., Boston Coll., Chestnut Hill, MA, 02167, USA  
SO Journal of Physical Chemistry (1987), 91(26), 6563-7  
CODEN: JPCHAX; ISSN: 0022-3654  
DT Journal  
LA English

L1 ANSWER 35 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1987:648409 CAPLUS  
DN 107:248409  
TI Preparation of trenches with adjustable wall slope in silicon substrates  
IN Engelhardt, Manfred  
PA Siemens A.-G., Fed. Rep. Ger.  
SO Ger. Offen., 4 pp.  
CODEN: GWXXBX

DT Patent  
LA German

FAN.CNT 1

|      | PATENT NO.      | KIND | DATE     | APPLICATION NO. | DATE     |
|------|-----------------|------|----------|-----------------|----------|
|      | -----           | ---- | -----    | -----           | -----    |
| PI   | DE 3613181      | A1   | 19871022 | DE 1986-3613181 | 19860418 |
|      | DE 3613181      | C2   | 19950907 |                 |          |
| PRAI | DE 1986-3613181 |      | 19860418 |                 |          |

L1 ANSWER 36 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1987:588598 CAPLUS  
DN 107:188598  
TI A new bromotrifluoromethane process for etching tapered trenches in silicon  
AU Engelhardt, M.; Schwarzl, S.

CS Technol. Cent. Microelectron., Siemens A.-G., Munich, D-8000/83, Fed. Rep.  
Ger.  
SO Journal of the Electrochemical Society (1987), 134(8A), 1985-8  
CODEN: JESQAN; ISSN: 0013-4651  
DT Journal  
LA English

L1 ANSWER 37 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1987:536620 CAPLUS  
DN 107:136620  
TI Derived thermodynamic design data for heat pump systems operating on R13B1  
AU Eisa, M. A. R.; Supranto, S.; Devotta, S.; Holland, F. A.  
CS Dep. Chem. Gas Eng., Univ. Salford, Salford, M5 4WT, UK  
SO Heat Recovery Systems & CHP (1987), 7(4), 307-9  
CODEN: HRSCEQ; ISSN: 0890-4332  
DT Journal  
LA English

L1 ANSWER 38 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1987:221321 CAPLUS  
DN 106:221321  
TI Heats of solution of several freons in water from 5 to 45°C  
AU Naghibi, Hossein; Ownby, D. W.; Gill, S. J.  
CS Chem. Dep., University of Kerman, Kerman, Iran  
SO Journal of Solution Chemistry (1987), 16(3), 171-9  
CODEN: JSLCAG; ISSN: 0095-9782  
DT Journal  
LA English

L1 ANSWER 39 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1987:162881 CAPLUS  
DN 106:162881  
TI Compression factor and vapor pressure of bromotrifluoromethane in the  
temperature range 245-393 K at pressures up to 12 MPa  
AU Okano, T.; Uematsu, M.; Watanabe, K.  
CS Dep. Mech. Eng., Keio Univ., Yokohama, 223, Japan  
SO International Journal of Thermophysics (1987), 8(2), 217-29  
CODEN: IJTHDY; ISSN: 0195-928X  
DT Journal  
LA English

L1 ANSWER 40 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1987:59920 CAPLUS  
DN 106:59920  
TI Semiconductor devices  
IN Kimizuka, Masakatsu; Shibata, Toshitaka  
PA Nippon Telegraph and Telephone Public Corp., Japan  
SO Jpn. Kokai Tokkyo Koho, 5 pp.  
CODEN: JKXXAF

DT Patent  
LA Japanese

FAN.CNT 1

|      | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|------|-------------|------|----------|-----------------|----------|
|      | -----       | ---- | -----    | -----           | -----    |
| PI   | JP 61159737 | A2   | 19860719 | JP 1985-162     | 19850107 |
|      | JP 05071129 | B4   | 19931006 |                 |          |
| PRAI | JP 1985-162 |      | 19850107 |                 |          |

L1 ANSWER 41 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1986:571773 CAPLUS  
DN 105:171773  
TI Preparation of N.C.A. [18F]-CH<sub>2</sub>BrF via aminopolyether supported  
nucleophilic substitution  
AU Coenen, Heinrich Hubert; Colosimo, Marcello; Schueller, Manfred;  
Stoecklin, Gerhard

CS Inst. Chem. 1, Kernforschungsanlage Juelich G.m.b.H., Juelich, D-5170,  
Fed. Rep. Ger.

SO Journal of Labelled Compounds and Radiopharmaceuticals (1986), 23(6),  
587-95

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CODEN: JLCRD4; ISSN: 0362-4803

DT Journal

LA English

OS CASREACT 105:171773

  

L1 ANSWER 42 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1986:525247 CAPLUS

DN 105:125247

TI Niobium-lead-niobium planar Josephson junction fabricated by RIE

AU Yoshimori, Shigeru; Kawamura, Mitsuo

CS Fac. Eng., Tokyo Inst. Technol., Tokyo, 152, Japan

SO Japanese Journal of Applied Physics, Part 1: Regular Papers, Short Notes  
& Review Papers (1986), 25(7), 1011-15

CODEN: JAPNDE

DT Journal

LA English

  

L1 ANSWER 43 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1986:500039 CAPLUS

DN 105:100039

TI Effects of fuel-air equivalence ratio, temperature, and inhibitor on the  
structure of laminar methane-air flames

AU Rothschild, W. G.; Kaiser, E. W.; Lavoie, G. A.

CS Res. Staff, Ford Mot. Co., Dearborn, MI, 48121, USA

SO Combustion Science and Technology (1986), 47(3-4), 209-27

CODEN: CBSTB9; ISSN: 0010-2202

DT Journal

LA English

  

L1 ANSWER 44 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1986:196222 CAPLUS

DN 104:196222

TI Angle-resolved photoelectron spectra of bromotrifluoromethane and  
dibromodifluoromethane in the photon energy range 19-115 eV

AU Novak, I.; Benson, J. M.; Potts, A. W.

CS Dep. Phys., King's Coll., London, WC2R 2LS, UK

SO Chemical Physics (1986), 104(1), 153-60

CODEN: CMPHC2; ISSN: 0301-0104

DT Journal

LA English

  

L1 ANSWER 45 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1985:460300 CAPLUS

DN 103:60300

TI Measurements of the isobaric specific heat capacity of refrigerant 13B1 in  
the gaseous region

AU Kigami, Toru; Saegusa, Shogo; Uematsu, Masahiko; Watanabe, Koichi

CS Toshiba Corp., Yokohama, 235, Japan

SO Nippon Reito Kyokai Ronbunshu (1985), 2(1), 51-7

CODEN: NRKRET; ISSN: 0910-0040

DT Journal

LA Japanese

  

L1 ANSWER 46 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1985:444384 CAPLUS

DN 103:44384

TI Optimization of conditions for the selective dissociation of the  
trifluorobromomethane molecule during carbon isotope separation

AU Avatkov, O. N.; Laptev, V. B.; Ryabov, E. A.; Furzikov, N. P.

CS Inst. Spektrosk., Troitsk, USSR

SO Kvantovaya Elektronika (Moscow) (1985), 12(3), 576-83

CODEN: KVEKA3; ISSN: 0368-7147

DT Journal  
LA Russian

L1 ANSWER 47 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1985:194982 CAPLUS  
DN 102:194982  
TI The effect of vibrational structure on multiphoton dissociation spectra of  
trifluorobromomethane  
AU Borsella, E.; Fantoni, R.; Ferretti, A.; Giardini-Guidoni, A.; Dilonardo,  
M.; Reuss, J.  
CS ENEA, Frascati, 00044, Italy  
SO Chemical Physics (1985), 94(3), 309-26  
CODEN: CMPHC2; ISSN: 0301-0104  
DT Journal  
LA English

L1 ANSWER 48 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1985:155079 CAPLUS  
DN 102:155079  
TI Bimodal vibrational distribution of barium bromide in the reaction barium  
+ bromotrifluoromethane  
AU Munakata, Toshiaki; Kasuya, Takahiro  
CS Inst. Phys. Chem. Res., Wako, Japan  
SO Reza Kagaku Kenkyu (1984), 6, 27-30  
CODEN: RKAKDK; ISSN: 0558-471X  
DT Journal  
LA Japanese

L1 ANSWER 49 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1984:629937 CAPLUS  
DN 101:229937  
TI Synthesis of bromofluoromethane  
AU Narayan, S.; Rheingold, A. L.  
CS Dep. Chem., SUNY, Plattsburgh, NY, 12901, USA  
SO Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry (1984),  
14(6), 837-41  
CODEN: SRIMCN; ISSN: 0094-5714  
DT Journal  
LA English  
OS CASREACT 101:229937

L1 ANSWER 50 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1984:594488 CAPLUS  
DN 101:194488  
TI Refrigerants  
PA Daiei Yakuhin Kogyo K. K., Japan; Best F K. K.  
SO Jpn. Kokai Tokkyo Koho, 5 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese

FAN.CNT 1

|      | PATENT NO.    | KIND | DATE     | APPLICATION NO. | DATE     |
|------|---------------|------|----------|-----------------|----------|
| PI   | JP 59147075   | A2   | 19840823 | JP 1983-21937   | 19830212 |
|      | JP 02054391   | B4   | 19901121 |                 |          |
| PRAI | JP 1983-21937 |      | 19830212 |                 |          |

L1 ANSWER 51 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1983:413835 CAPLUS  
DN 99:13835  
TI Photodissociation of vibrationally excited trifluoriodomethane(1+) and  
trifluorobromomethane(1+) by a single infrared photon  
AU Jarrold, Martin F.; Illies, Andreas J.; Kirchner, Nicholas J.;  
Wagner-Redeker, Winfried; Bowers, Michael T.; Mandich, Mary L.; Beauchamp,

Jack L.  
 CS Dep. Chem., Univ. California, Santa Barbara, CA, 93106, USA  
 SO Journal of Physical Chemistry (1983), 87(12), 2213-21  
 CODEN: JPCHAX; ISSN: 0022-3654  
 DT Journal  
 LA English

L1 ANSWER 52 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1983:163048 CAPLUS  
 DN 98:163048  
 TI Pool boiling heat transfer to mixtures of sulfur hexafluoride and  
 bromotrifluoromethane at elevated saturation pressures  
 AU Bier, K.; Schmadl, J.; Gorenflo, D.  
 CS Inst. Tech. Thermodyn. Kaeltetech., Univ. Karlsruhe, Karlsruhe, D-7500,  
 Fed. Rep. Ger.  
 SO Heat Transfer Proc. Int. Heat Transfer Conf., 7th (1982), Volume 4, 35-40.  
 Editor(s): Grigull, Ulrich; Hahne, E.; Stephan, K. Publisher: Hemisphere,  
 Washington, D. C.  
 CODEN: 49CZAW  
 DT Conference  
 LA English

L1 ANSWER 53 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1982:628539 CAPLUS  
 DN 97:228539  
 TI Selective isotropic dry etching of silicon nitride (Si<sub>3</sub>N<sub>4</sub>) over silicon  
 dioxide  
 AU Sanders, F. H. M.; Dieleman, J.; Peters, H. J. B.; Sanders, J. A. M.  
 CS Philips Res. Lab., Eindhoven, 5600 MD, Neth.  
 SO Journal of the Electrochemical Society (1982), 129(11), 2559-61  
 CODEN: JESOAN; ISSN: 0013-4651  
 DT Journal  
 LA English

L1 ANSWER 54 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1982:627328 CAPLUS  
 DN 97:227328  
 TI The infrared multiphoton laser chemistry of trifluorobromomethane, ketene,  
 and 1-chloro-1-fluoroethylene  
 AU Jalenak, Wayne Alan  
 CS Univ. Nebraska, Lincoln, NE, USA  
 SO (1982) 193 pp. Avail.: Univ. Microfilms Int., Order No. DA8217532  
 From: Diss. Abstr. Int. B 1982, 43(3), 738  
 DT Dissertation  
 LA English

L1 ANSWER 55 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1982:187562 CAPLUS  
 DN 96:187562  
 TI Chemiionization reactions of metastable atomic argon (3P<sub>0,2</sub>) atoms  
 AU Golde, Michael F.; Ho, Yueh Se; Ogura, Hiroo  
 CS Dep. Chem., Univ. Pittsburgh, Pittsburgh, PA, 15260, USA  
 SO Journal of Chemical Physics (1982), 76(7), 3535-42  
 CODEN: JCPSA6; ISSN: 0021-9606  
 DT Journal  
 LA English

L1 ANSWER 56 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1982:156841 CAPLUS  
 DN 96:156841  
 TI Toxicometry of trifluorobromomethane and its effect on the correlation  
 between hematological and biochemical indexes of animals  
 AU Voronin, V. A.; Denisenko, A. A.; Linyucheva, L. A.; Petushkov, N. M.;  
 Men'shikova, Z. I.; Nechiporenko, S. P.; Akhmatova, M. A.; Ivanova, V. A.;  
 Lazar, G. Yu.; Kulakov, V. E.

CS USSR  
SO Gigiena Truda i Professional'nye Zabolevaniya (1982), (2), 52-3  
CODEN: GTPZAB; ISSN: 0016-9919  
DT Journal  
LA Russian

L1 ANSWER 57 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1982:60218 CAPLUS  
DN 96:60218  
TI Infrared absorption studies in the vapor phase of bromotrifluoromethane:  
spectra between 1800 and 400 cm-1  
AU Baldacci, A.; Passerini, A.; Ghersetti, S.  
CS Dep. Org. Chem., Univ. Venice, Venice, Italy  
SO Journal of Molecular Spectroscopy (1982), 91(1), 103-15  
CODEN: JMOSA3; ISSN: 0022-2852  
DT Journal  
LA English

L1 ANSWER 58 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1981:123965 CAPLUS  
DN 94:123965  
TI Refrigerant compositions  
IN Cooper, William Daniel  
PA du Pont de Nemours, E. I., and Co., USA  
SO Eur. Pat. Appl., 14 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 1

|      | PATENT NO.            | KIND | DATE     | APPLICATION NO. | DATE     |
|------|-----------------------|------|----------|-----------------|----------|
|      | -----                 | ---- | -----    | -----           | -----    |
| PI   | EP 21416              | A1   | 19810107 | EP 1980-103590  | 19800625 |
|      | EP 21416              | B1   | 19830112 |                 |          |
|      | EP 21416              | B2   | 19860528 |                 |          |
|      | R: DE, FR, GB, IT, NL |      |          |                 |          |
|      | US 4261847            | A    | 19810414 | US 1979-51898   | 19790625 |
|      | CA 1141527            | A1   | 19830222 | CA 1980-354404  | 19800619 |
|      | AU 8059530            | A1   | 19810108 | AU 1980-59530   | 19800623 |
|      | AU 529023             | B2   | 19830519 |                 |          |
|      | JP 56005881           | A2   | 19810121 | JP 1980-84673   | 19800624 |
| PRAI | US 1979-51898         | A    | 19790625 |                 |          |

L1 ANSWER 59 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1980:43903 CAPLUS  
DN 92:43903  
TI Rapid gasification of liquefied gas  
IN Nakaya, Keiichi; Sato, Hiromichi; Shimazaki, Jujiro  
PA Asahi Glass Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

|      | PATENT NO.     | KIND | DATE     | APPLICATION NO. | DATE     |
|------|----------------|------|----------|-----------------|----------|
|      | -----          | ---- | -----    | -----           | -----    |
| PI   | JP 54092575    | A2   | 19790721 | JP 1977-157898  | 19771229 |
| PRAI | JP 1977-157898 | A    | 19771229 |                 |          |

L1 ANSWER 60 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1980:28740 CAPLUS  
DN 92:28740  
TI Calculation of the thermodynamic properties of an ammonia-  
trifluoromonobromomethane gaseous system  
AU Volobuev, I. V.; Kartseva, N. I.  
CS Odess. Tekhnol. Inst., Odessa, USSR

SO Zhurnal Fizicheskoi Khimii (1979), 53(10), 2468-70  
CODEN: ZFKHA9; ISSN: 0044-4537  
DT Journal  
LA Russian

L1 ANSWER 61 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1980:13413 CAPLUS  
DN 92:13413  
TI Submillimeter laser action of CW optically pumped trifluorobromomethane  
AU Pontnau, J.; Lourtioz, J. M.; Meyer, Claude  
CS Inst. Electron. Fondam., Univ. Paris-Sud, Orsay, Fr.  
SO IEEE Journal of Quantum Electronics (1979), QE15(10), 1088-90  
CODEN: IEJQA7; ISSN: 0018-9197  
DT Journal  
LA English

L1 ANSWER 62 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1979:465561 CAPLUS  
DN 91:65561  
TI Vibrational spectra and force constants of symmetric tops: rotational  
analysis of  $v_1$ ,  $v_1 + v_6 - v_6$ , and  $v_1 + 2v_6 - 2v_6$  of  
bromotrifluoromethane (bromine-79) and bromotrifluoromethane (bromine-81)  
AU Burczyk, K.; Buerger, H.; Ruoff, A.; Pinson, P.  
CS Anorg. Chem., Gesamthochsch., Wuppertal, D-5600/1, Fed. Rep. Ger.  
SO Journal of Molecular Spectroscopy (1979), 77(1), 109-16  
CODEN: JMOSA3; ISSN: 0022-2852  
DT Journal  
LA English

L1 ANSWER 63 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1979:445131 CAPLUS  
DN 91:45131  
TI Phase equilibriums in the ammonia-trifluoromonobromomethane system  
AU Kuznetsov, A. P.; Volobuev, I. V.; Khmel'nyuk, M. G.  
CS Odess. Technol. Inst. Kholodyl'n. Prom., Odessa, USSR  
SO Izvestiya Vysshikh Uchebnykh Zavedenii, Khimiya i Khimicheskaya  
Tekhnologiya (1979), 22(4), 499-500  
CODEN: IVUKAR; ISSN: 0579-2991  
DT Journal  
LA Russian

L1 ANSWER 64 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1979:151275 CAPLUS  
DN 90:151275  
TI Infrared multiphoton dissociation of bromotrifluoromethane  
AU Wuerzberg, E.; Kovalenko, L. J.; Houston, P. L.  
CS Dep. Chem., Cornell Univ., Ithaca, NY, USA  
SO Chemical Physics (1978), 35(3), 317-29  
CODEN: CMPHC2; ISSN: 0301-0104  
DT Journal  
LA English

L1 ANSWER 65 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1978:482936 CAPLUS  
DN 89:82936  
TI Matrix photoionization and radiolysis of the fluorobromomethanes  
. Infrared spectra and photochemistry of dibromofluoromethyl(1+),  
bromodifluoromethyl(1+), trifluoromethyl(1+), and the parent cations  
AU Prochaska, Frank T.; Andrews, Lester  
CS Dep. Chem., Univ. Virginia, Charlottesville, VA, USA  
SO Journal of Physical Chemistry (1978), 82(15), 1731-42  
CODEN: JPCHAX; ISSN: 0022-3654  
DT Journal  
LA English

L1 ANSWER 66 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1978:157619 CAPLUS  
 DN 88:157619  
 TI A dual tracer study for the validation of models with respect to high and low altitude sources  
 AU Overton, J. H., Jr.; Lamb, B. K.; Shair, F. H.; Wilson, W. E., Jr.  
 CS Northrop Serv., Inc., Research Triangle Park, NC, USA  
 SO Air Pollut. (1976), 51(Proc. Int. Tech. Meet. Air Pollut. Model. Its Appl., 7th; PB-270 799), 219-34  
 CODEN: NAPONR  
 DT Journal  
 LA English

L1 ANSWER 67 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1977:557697 CAPLUS  
 DN 87:157697  
 TI Rates of atomic hydrogen + trifluoromethyl bromide and atomic chlorine + ammonia  
 AU Westenbergs, A. A.; DeHaas, N.  
 CS Appl. Phys. Lab., Johns Hopkins Univ., Laurel, MD, USA  
 SO Journal of Chemical Physics (1977), 67(5), 2388-90  
 CODEN: JCPSA6; ISSN: 0021-9606  
 DT Journal  
 LA English

L1 ANSWER 68 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1977:455540 CAPLUS  
 DN 87:55540  
 TI Coal dust combustion and suppression  
 AU Strehlow, R. A.; Savage, L. D.; Sorenson, S. C.  
 CS Univ. Illinois, Urbana, IL, USA  
 SO Archiwum Termodynamiki i Spalania (1976), 7(4), 497-506  
 CODEN: ATSPDZ; ISSN: 0324-8224  
 DT Journal  
 LA English

L1 ANSWER 69 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1976:44275 CAPLUS  
 DN 84:44275  
 TI Reversible equilibrium in tertiary phosphine-fluorohalomethane reactions  
 AU Naeae, Douglas G.; Kesling, H. S.; Burton, D. J.  
 CS Dep. Chem., Univ. Iowa, Iowa City, IA, USA  
 SO Tetrahedron Letters (1975), (44), 3789-92  
 CODEN: TELEAY; ISSN: 0040-4039  
 DT Journal  
 LA English

L1 ANSWER 70 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1976:33042 CAPLUS  
 DN 84:33042  
 TI Working mixture for turbocompressor refrigerating machines  
 IN Kuznetsov, A. P.; Evemenko, D. N.  
 PA Odessa Technological Institute of the Food and Refrigeration Industry, USSR  
 SO U.S.S.R.  
 From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1975, 52(27), 77.  
 CODEN: URXXAF  
 DT Patent  
 LA Russian

FAN.CNT 1

|      | PATENT NO.      | KIND | DATE     | APPLICATION NO. | DATE     |
|------|-----------------|------|----------|-----------------|----------|
|      | -----           | ---- | -----    | -----           | -----    |
| PI   | SU 478049       | T    | 19750725 | SU 1973-1959137 | 19730828 |
| PRAI | SU 1973-1959137 | A    | 19730828 |                 |          |

L1 ANSWER 71 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1976:5786 CAPLUS  
 DN 84:5786  
 TI Permeability of Saranex film to flame-retardant vapors  
 AU Barrie, J. A.; Quig, A.; Spencer, H. G.  
 CS Dep. Chem., Imp. Coll. Sci. Technol., London, UK  
 SO Journal of Applied Polymer Science (1975), 19(12), 3369-73  
 CODEN: JAPNAB; ISSN: 0021-8995  
 DT Journal  
 LA English

L1 ANSWER 72 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1975:165478 CAPLUS  
 DN 82:165478  
 TI Effect of 90-minute exposures to bromotrifluoromethane on myocardial metabolism in the dog  
 AU Van Stee, Ethard W.; Horton, Michael L.; Harris, Alan M.; Back, Kenneth C.  
 CS Aerosp. Med. Res. Lab., Wright-Patterson AFB, OH, USA  
 SO Proc. Annu. Conf. Environ. Toxicol., 4th (1973), Meeting Date 1973, Volume AD-781031, 65-83 Publisher: NTIS, Springfield, Va.  
 CODEN: 29YMAD  
 DT Conference  
 LA English

L1 ANSWER 73 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1975:148059 CAPLUS  
 DN 82:148059  
 TI Photoelectron and far-ultraviolet spectra of trifluorobromomethane, difluorobromochloromethane, and difluorodibromomethane  
 AU Doucet, J.; Gilbert, R.; Sauvageau, P.; Sandorfy, C.  
 CS Dep. Chim., Univ. Montreal, Montreal, QC, Can.  
 SO Journal of Chemical Physics (1975), 62(2), 366-9  
 CODEN: JCPSA6; ISSN: 0021-9606  
 DT Journal  
 LA English

L1 ANSWER 74 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1975:90163 CAPLUS  
 DN 82:90163  
 TI Viscosity of trifluorobromomethane  
 AU Karbanov, E. M.; Geller, V. Z.  
 CS Odess. Tekhnol. Inst. Pishchevoi Prom. im. Lomonosova, Odessa, USSR  
 SO Izvestiya Vysshikh Uchebnykh Zavedenii, Neft i Gaz (1974), 17(11), 22, 104  
 CODEN: IVUNA2; ISSN: 0445-0108  
 DT Journal  
 LA Russian

L1 ANSWER 75 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1975:64909 CAPLUS  
 DN 82:64909  
 TI Trace water in discharged oxygen. Effect on the reaction atomic oxygen(3P) + trifluoromethyl bromide  
 AU Gann, Richard G.; Frankiewicz, Theodore C.; Williams, Frederick W.  
 CS Chem. Dyn. Branch, Nav. Res. Lab., Washington, DC, USA  
 SO Journal of Chemical Physics (1974), 61(8), 3488-9  
 CODEN: JCPSA6; ISSN: 0021-9606  
 DT Journal  
 LA English

L1 ANSWER 76 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1974:122941 CAPLUS  
 DN 80:122941  
 TI Effective activation energy of flames of inhibited propane-air mixtures  
 AU Shvartsman, N. A.; Yantovskii, S. A.; Porsov, M. I.

CS USSR  
SO Mater. Soveshch. Mekh. Ingibirovaniya Tsepnykh Gazov. Reakts.; 1st (1971),  
Meeting Date 1970, 90-101. Editor(s): Ksandopulo, G. I. Publisher: Kaz.  
Gos. Univ., Alma-Ata, USSR.  
CODEN: 27PGA4  
DT Conference  
LA Russian

L1 ANSWER 77 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1974:98078 CAPLUS  
DN 80:98078  
TI Explosive mixtures  
IN Biermann, Udo K. P.; Schroeder, Johann  
PA N. V. Philips' Gloeilampenfabrieken  
SO Ger. Offen., 6 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

|      | PATENT NO.      | KIND | DATE     | APPLICATION NO. | DATE     |
|------|-----------------|------|----------|-----------------|----------|
| PI   | DE 2230120      | A1   | 19740110 | DE 1972-2230120 | 19720621 |
|      | DE 2230120      | B2   | 19740711 |                 |          |
|      | DE 2230120      | C3   | 19750313 |                 |          |
|      | US 3963541      | A    | 19760615 | US 1973-369751  | 19730613 |
|      | NL 7308416      | A    | 19731227 | NL 1973-8416    | 19730618 |
|      | JP 49055505     | A2   | 19740529 | JP 1973-68595   | 19730618 |
|      | GB 1387947      | A    | 19750319 | GB 1973-28844   | 19730618 |
|      | FR 2189348      | A1   | 19740125 | FR 1973-22263   | 19730619 |
| PRAI | DE 1972-2230120 | A    | 19720621 |                 |          |

L1 ANSWER 78 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1973:457974 CAPLUS  
DN 79:57974  
TI Parameters of potentials of the Lennard-Jones (12-6), Stockmayer (12-6-3),  
6-exponential, and Kihara intermolecular reaction for  
trifluorobromomethane  
AU Petriman, E. F.; Nikul'shin, R. K.  
CS USSR  
SO Zhurnal Fizicheskoi Khimii (1973), 47(5), 1304-5  
CODEN: ZFKHA9; ISSN: 0044-4537  
DT Journal  
LA Russian

L1 ANSWER 79 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1973:161710 CAPLUS  
DN 78:161710  
TI Application of Halon 1301 to aircraft cabin and cargo fires  
AU Gassmann, Julius J.; Marcy, John F.  
CS Fed. Aviat. Adm., Atlantic City, NJ, USA  
SO Appraisal Halogenated Fire Extinguishing Agents, Proc. Symp. (1972),  
173-87 Publisher: Nat. Acad. Sci., Washington, D. C.  
CODEN: 26FTAK  
DT Conference  
LA English

L1 ANSWER 80 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1973:83788 CAPLUS  
DN 78:83788  
TI Halomethanes  
IN Jenkner, Herbert; Schlafke, Rolf  
PA Chemische Fabrik Kalk G.m.b.H.  
SO Ger. Offen., 8 pp. Addn. to Ger. Offen. 2,126,105.  
CODEN: GWXXBX  
DT Patent

LA German

FAN.CNT 1

|      | PATENT NO.      | KIND | DATE     | APPLICATION NO. | DATE     |
|------|-----------------|------|----------|-----------------|----------|
|      | -----           | ---- | -----    | -----           | -----    |
| PI   | DE 2133152      | A1   | 19730111 | DE 1971-2133152 | 19710703 |
|      | DE 2133152      | B2   | 19801016 |                 |          |
|      | DE 2133152      | C3   | 19810619 |                 |          |
| PRAI | DE 1971-2133152 | A    | 19710703 |                 |          |

L1 ANSWER 81 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1973:74475 CAPLUS

DN 78:74475

TI Effect of trifluorobromomethane on the gas-phase low-temperature oxidation of hydrocarbon fuels

AU Abduragimov, I. M.; Driker, G. Ya.; Ryvkin, A. M.; Shvartsman, N. A.; Yantovskii, S. A.

CS 000071, USSR

SO Vses. Konf. Kinet. Mekh. Gazofazn. Reakts., 2nd (1971), 39-41

From: Ref. Zh., Khim. 1972, Abstr. No. 5P247

DT Conference

LA Russian

L1 ANSWER 82 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1973:42843 CAPLUS

DN 78:42843

TI Removing residual water from 1,1,2,2-tetrafluorodibromoethane

IN Madai, Helmut

SO Ger. (East), 3 pp.

CODEN: GEXXA8

DT Patent

LA German

FAN.CNT 1

|    | PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|----|------------|------|----------|-----------------|----------|
|    | -----      | ---- | -----    | -----           | -----    |
| PI | DD 83984   |      | 19710820 | DD 1970-147957  | 19700605 |

L1 ANSWER 83 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1972:148565 CAPLUS

DN 76:148565

TI Gas-chromatographic determination of composition profiles of stable species around a propane diffusion flame

AU Creitz, E. C.

CS Fire Res. Sect., Natl. Bur. Stand., Washington, DC, USA

SO Journal of Chromatographic Science (1972), 10(3), 168-73

CODEN: JCHSBZ; ISSN: 0021-9665

DT Journal

LA English

L1 ANSWER 84 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1970:520059 CAPLUS

DN 73:120059

TI Trifluorobromomethane and tetrabromomethane

IN Paucksch, Heinrich

PA Kali-Chemie A.-G.

SO Ger. Offen., 7 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

|      | PATENT NO.      | KIND | DATE     | APPLICATION NO. | DATE     |
|------|-----------------|------|----------|-----------------|----------|
|      | -----           | ---- | -----    | -----           | -----    |
| PI   | DE 1913405      | A    | 19701001 | DE 1969-1913405 | 19690317 |
| PRAI | DE 1969-1913405 |      | 19690317 |                 |          |

L1 ANSWER 85 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1968:12115 CAPLUS  
DN 68:12115  
TI Chemistry of bromine trifluoride. The fluorination of fluorobromoethanes  
AU Davis, Ralph Anderson; Larsen, Eric R.  
CS Halogens Res. Lab., Dow Chem. Co., Midland, MI, USA  
SO Journal of Organic Chemistry (1967), 32(11), 3478-81  
CODEN: JOCEAH; ISSN: 0022-3263  
DT Journal  
LA English

L1 ANSWER 86 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1966:97916 CAPLUS  
DN 64:97916  
OREF 64:18439a-c  
TI Normal-coordinate analysis and molecular properties of four CH<sub>2</sub>XY  
halomethanes (X = F or I; Y = Cl or Br)  
AU El-Sabban, M. Zaki; Danti, Alfred; Zwolinski, Bruno J.  
CS College Station, Texas A. & M. Univ.  
SO Journal of Chemical Physics (1966), 44(5), 1770-9  
CODEN: JCPSA6; ISSN: 0021-9606  
DT Journal  
LA English

L1 ANSWER 87 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1964:422538 CAPLUS  
DN 61:22538  
OREF 61:3831g-h  
TI Microwave spectrum of fluorobromomethane  
AU Curnuck, P. A.; Sheridan, J.  
CS Univ. Birmingham, UK  
SO Nature (London, United Kingdom) (1964), 202(4932), 591-2  
CODEN: NATUAS; ISSN: 0028-0836  
DT Journal  
LA Unavailable

L1 ANSWER 88 OF 88 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1952:25802 CAPLUS  
DN 46:25802  
OREF 46:4363g-i  
TI The ultraviolet absorption spectra and the refractive indexes of some  
fluorobromomethanes  
AU Davidson, Norman  
CS California Inst. of Technol., Pasadena  
SO Journal of the American Chemical Society (1951), 73, 467-8  
CODEN: JACSAT; ISSN: 0002-7863  
DT Journal  
LA Unavailable

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS  
FULL ESTIMATED COST

| SINCE FILE | TOTAL   |
|------------|---------|
| ENTRY,     | SESSION |
| 102.73     | 102.94  |

STN INTERNATIONAL LOGOFF AT 14:03:52 ON 07 AUG 2006

|   |          |          |    |  |
|---|----------|----------|----|--|
| US 20060069294 A1   | US-PGPUB | 20060330 | 7  | Solid-phase  |
| preparation of [18f] fluorohaloalkanes                      |          | 570/101  |    |  |
| US 4902666 A  | USPAT    | 19900220 |    | Process for the  |
| manufacture of spheroidal bodies by selective agglomeration |          |          |    | 502/439  |
|   |          |          |    | 423/335; 423/625; 423/717; 502/232; 502/355; 502/407; 502/415; 502/527.16; |
| 502/60; 502/8   |          |          |    |  |
| US 4737478 A  | USPAT    | 19880412 |    | Process for the  |
| manufacture of spheroidal bodies by selective agglomeration |          |          |    | 502/8  |
|   |          |          |    | 23/313R; 264/117; 502/439  |
| US 4603147 A  | USPAT    | 19860729 | 6  | Biocidal   |
| fluoroalkanes and fluoroalkenes                             |          | 514/743  |    | 514/744; 514/761   |
| US 4599321 A  | USPAT    | 19860708 | 11 | Process for the  |
| manufacture of spherical bodies by selective agglomeration  |          |          |    | 502/8 502/439  |

|                   |          |  |   |   |
|-------------------|----------|--|---|---|
| US 20060069294 A1 | US-PGPUB | 20060330   | 7 | Solid-phase preparation of [18f] fluorohaloalkanes  |
|                   |          | 570/101  |   |   |
| US 6686480 B2     | USPAT    | 20040203   |   | Compounds for the photodecontamination of pathogens in blood  |
|                   |          | 549/282  |   |   |
| US 6503699 B1     | USPAT    | 20030107   |   | Method for photodecontamination of pathogens in blood using 5'-primary aminopsoralens   |
|                   |          | 435/2 435/238; 549/282   |   |   |
| US 6469052 B2     | USPAT    | 20021022   |   | Compounds for the photodecontamination of pathogens in blood  |
|                   |          | 514/455  |   | 549/282   |
| US 6455286 B1     | USPAT    | 20020924   |   | Psoralens for pathogen inactivation   |
|                   |          | 435/173.3 435/173.1; 435/173.7   |   |   |
| US 6194139 B1     | USPAT    | 20010227   |   | Methods for photodecontamination of pathogens in blood  |
|                   |          | 435/2 435/238  |   |   |
| US 6133460 A      | USPAT    | 20001017   |   | Psoralens for pathogen inactivation   |
|                   |          | 549/282  |   |   |
| US 5399719 A      | USPAT    | 19950321   |   | Compounds for the photodecontamination of pathogens in blood  |
|                   |          | 549/282  |   |   |
| US 4902666 A      | USPAT    | 19900220   |   | Process for the manufacture of spheroidal bodies by selective agglomeration   |
|                   |          | 502/439  |   |   |
|                   |          | 423/335; 423/625; 423/717; 502/232; 502/355; 502/407; 502/415; 502/527.16; 502/60; 502/8 |   |   |
| US 4737478 A      | USPAT    | 19880412   |   | Process for the manufacture of spheroidal bodies by selective agglomeration   |
|                   |          | 502/8  |   |   |
|                   |          | 23/313R; 264/117; 502/439  |   |   |
| US 4603147 A      | USPAT    | 19860729   |   | Biocidal fluoroalkanes and fluoroalkenes  |
|                   |          | 514/743 514/744; 514/761   |   |   |
| US 4599321 A      | USPAT    | 19860708   |   | Process for the manufacture of spherical bodies by selective agglomeration  |
|                   |          | 502/8 502/439  |   |   |
| US 4127613 A      | USPAT    | 19781128   |   | Stabilization of methyl trifluorovinyl ether  |
|                   |          | 568/581  |   |   |
| US 2774799 A      | USPAT    | 19561218   | 4 | Selective dehydrohalogenation of fluorohaloalkanes using a copper catalyst [TEXT AVAILABLE IN USOCR DATABASE]   |
|                   |          | 570/156  |   |   |
| WO 2004056726 A1  | EPO      | 20040708   |   | SOLID-PHASE PREPARATION OF ?&lt;18&gt;F!FLUOROHALOALKANES   |
| WO 2004029006 A2  | EPO      | 20040408   |   | PROCESS FOR THE PREPARATION OF FLUOROHALOALKANES  |
| US 6958424 B      | DERWENT  | 20051025   |   | Reducing environmentally undesirable emissions from process producing chlorinated compound as byproduct for converting fluorohaloalkanes to fluorinated products, by contacting waste by-product with formate salt(s) in presence of catalyst |
| WO 2004056726 A   | DERWENT  | 20040708   |   | New solid support-bound precursors for the preparation of labeled fluorohaloalkanes useful as radiolabeling reagents in positron emission topography chemistry  |

WO 2004029006 A                      DERWENT    20040408                      Preparation of  
fluorohaloalkane or its radiolabel form useful as radiolabeling reagents involves reaction  
of organosilicon compound or its radiolabel form with dihalo compound  
US 4127613 A                      DERWENT    19781128                      Methyl tri:fluorovinyl  
ether stabilisation - by addn. of at least an equal wt. of a fluoro-haloalkane

## EAST Search History

| Ref # | Hits | Search Query            | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|------|-------------------------|--|------------------|---------|------------------|
| L1    | 3    | "6486354"               | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/05/11 16:13 |
| L2    | 25   | "4575541"               | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/05/11 16:13 |
| L3    | 20   | fluorohaloalkanes       | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/05/11 16:16 |
| L4    | 392  | "solid support linkers" | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/05/11 16:17 |
| L5    | 4    | L3 and L4               | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2006/05/11 16:17 |